

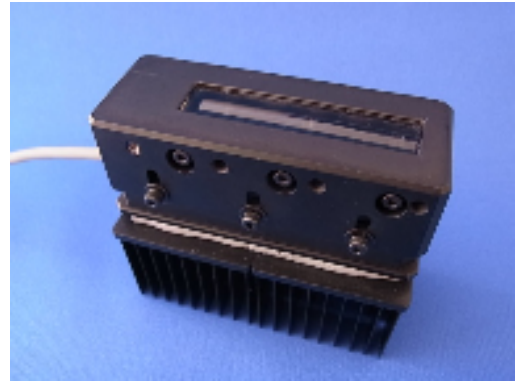
紫外線LEDライン照射器

特許出願済

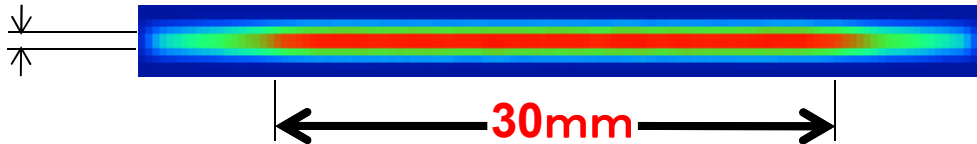
Flat Power®

UVL-330

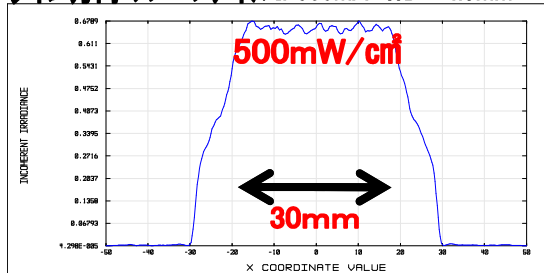
30mm照射長で500mW/cm²を実現
独自の光学系により均一な照度プロファイル
照射長30mmをコンパクトなヘッドで実現
照射波長365nm 385nmの2タイプ



0.5~1.5mm 照射面のシミュレーションプロファイル



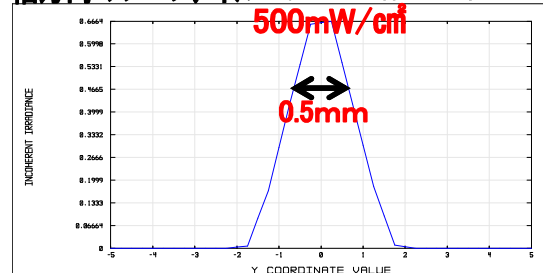
ライン方向のプロファイルIF600mA WD=14.5mm



UV LINE ILLUMINATION
TUE NOV 13 2012
DETECTOR #1: NSC2 SURFACE 1: WD14.5mm CENTER: Y = 0.0000E+000
SIZE: 100.000 W X 10.000 H MILLIMETERS, PIXELS 200 W X 20 H, TOTAL HITS = 261980
PEAK IRRADIANCE: 6.788E-001 WATTS/CM²
TOTAL POWER: 6.278E-001 WATTS

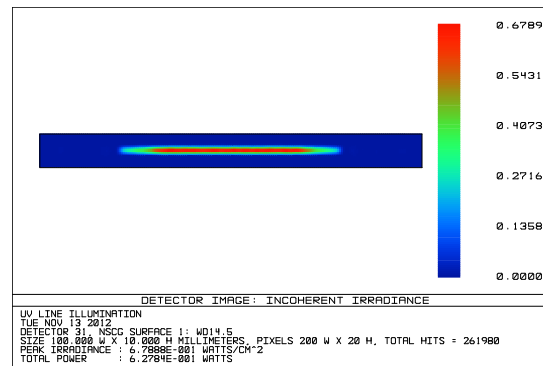
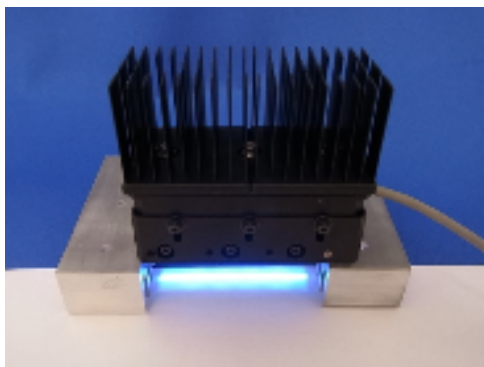
KOLINSEN
OPTICAL CHARACTERISTIC
UV @ 30 (WD14.5 (KTR)) 2PK
CONFIGURATION 1 OF 1

幅方向のプロファイルIF600mA WD=14.5mm



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波長:365nm 385nm の 2タイプ
ワーキングディスタンス:14.5~20mm
(ライン幅オプションによって変動)
照射幅:0.5mm~1.5mm(同上)
照射長さ:30mm

外形寸法、重量、消費電力
<ヘッド部>
長さ:70mm
幅:27mm
高さ:54~60mm(ライン幅オプションに
よって変動)
重量:150g
消費電力:12.5W

【用途】

紫外線硬化型樹脂のキュアー
接着剤、塗料の乾燥
紫外線硬化型インクの乾燥など

製品仕様は予告なく変更する場合があります。

NACACUE

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www.nacacue.co.jp

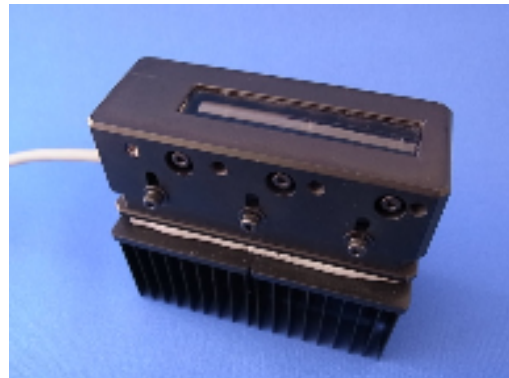
UV Irradiator with LED light source

Patent pending

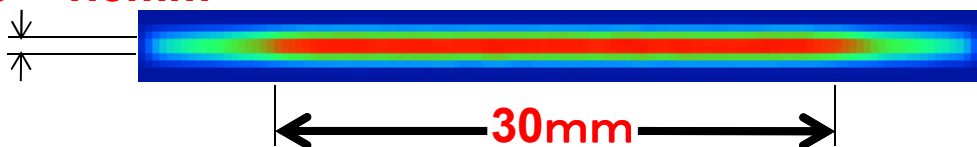
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UVL-330

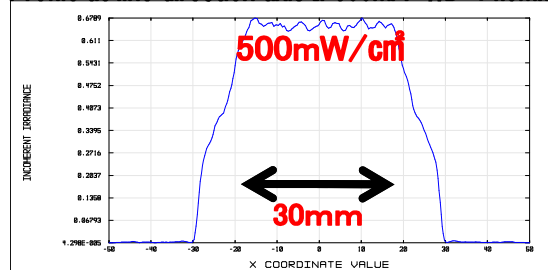
Achieved $500\text{mW}/\text{cm}^2$ broadly 30mm line
 Unique optical design provides uniform intensity
 Generates 30mm line with compact head
 2 options of wavelengths : 365nm 385nm



0.5~1.5mm Simulated profile at irradiated surface



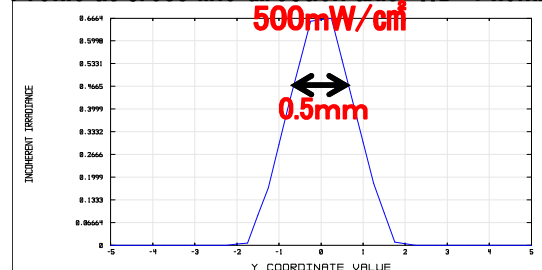
Profile at line direction axis IF600mA WD=14.5mm



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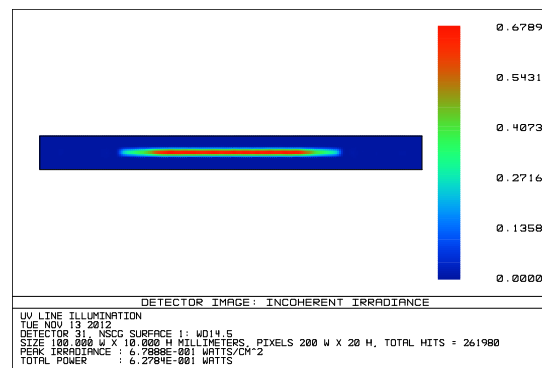
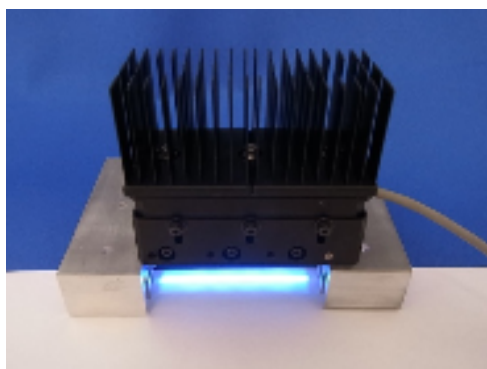
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 UV 0L30 (WD14.5 (KTR)) 2PK
 CONFIGURATION 1 OF 1

Profile at cross line direction axis WD=14.5mm



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Wavelength: 365nm, 385nm (2 Options)
 Working distance : 14.5mm, 20mm
 (Varies with line thickness options)
 Line thickness: 0.5mm, 1.5mm
 (same as above)
 Line length: 30mm

Dimensions, Weight & Power
 <Head Part>
 Length: 70mm
 Width: 27mm
 Height: 54mm, 60mm (Depends on line
 thickness options)
 Weight: 150g
 Power consumption: 12.5W

Be used for:
 Curing UV hardening Resins,
 Adhesives, Paint coatings.
 Homogenous Curing Purposes.

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Product specifications are subject to change
 without notice

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